

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012422\
 Data File : VN070755.D
 Acq On : 24 Jan 2022 15:04
 Operator : JC/MD
 Sample : PB142209ZHE#03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB142209ZHE#03

Quant Time: Jan 24 23:32:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

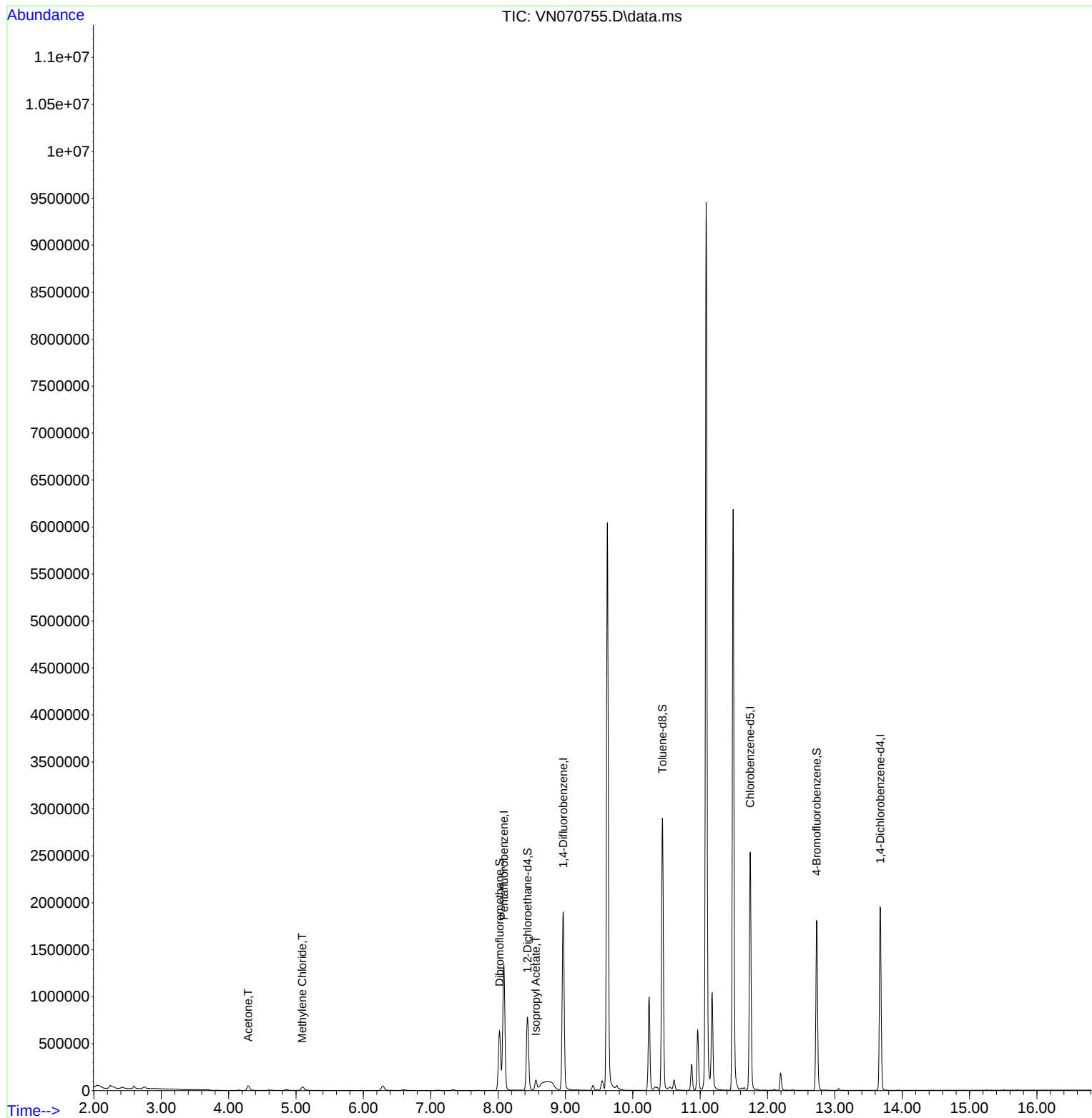
Internal Standards						
1) Pentafluorobenzene	8.086	168	1007436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1628990	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1459694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	544163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	678712	47.008	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.020%
35) Dibromofluoromethane	8.021	113	468489	46.364	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.720%
50) Toluene-d8	10.440	98	2026841	47.614	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.220%
62) 4-Bromofluorobenzene	12.731	95	669286	44.122	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	88.240%
Target Compounds						
					Qvalue	
16) Acetone	4.291	43	90812	9.062	ug/l	98
20) Methylene Chloride	5.093	84	26014	1.971	ug/l	93
43) Isopropyl Acetate	8.560	43	134400	3.896	ug/l #	85

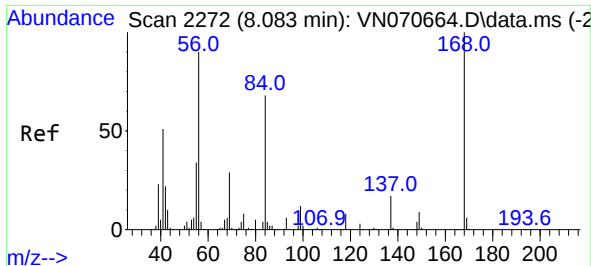
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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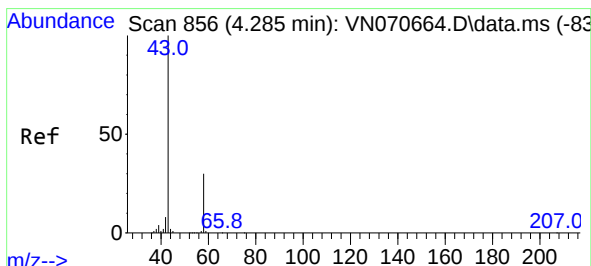
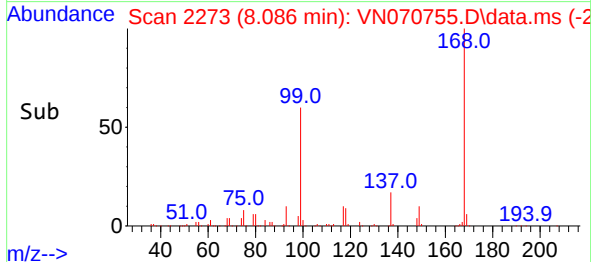
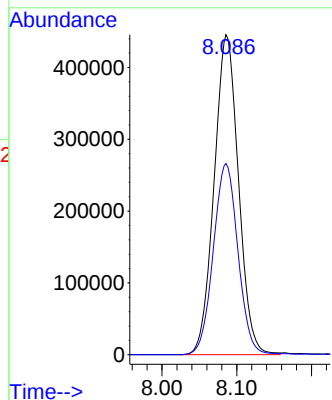
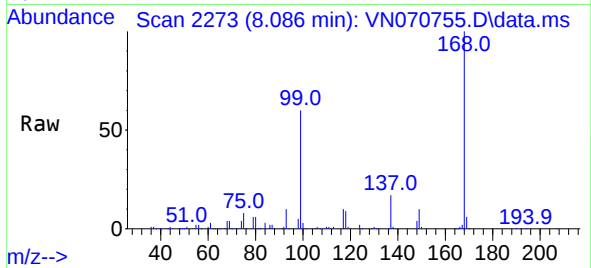




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 21
Delta R.T. 0.003 min
Lab File: VN070755.D
Acq: 24 Jan 2022 15:04

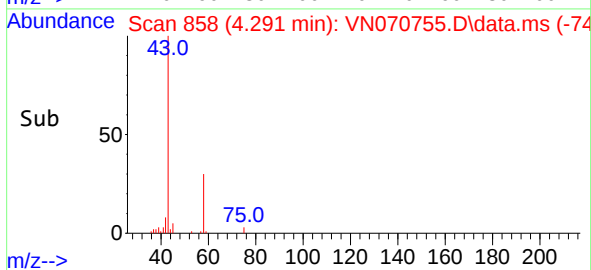
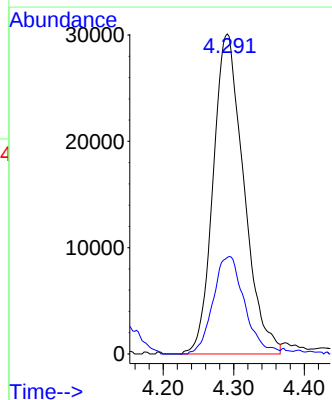
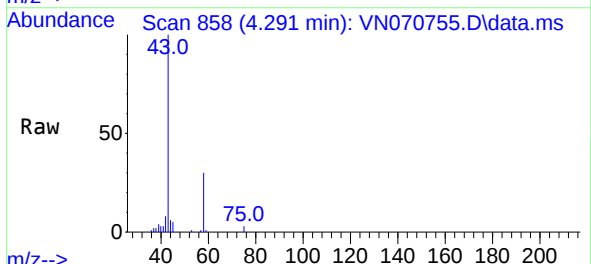
Instrument :
MSVOA_N
ClientSampleId :
PB142209ZHE#03

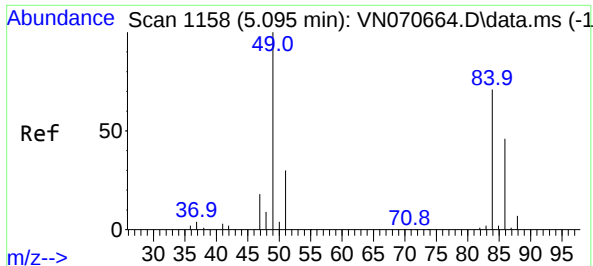
Tgt Ion:168 Resp: 1007436
Ion Ratio Lower Upper
168 100
99 59.7 41.3 61.9



#16
Acetone
Concen: 9.062 ug/l
RT: 4.291 min Scan# 858
Delta R.T. 0.006 min
Lab File: VN070755.D
Acq: 24 Jan 2022 15:04

Tgt Ion: 43 Resp: 90812
Ion Ratio Lower Upper
43 100
58 30.1 23.1 34.7



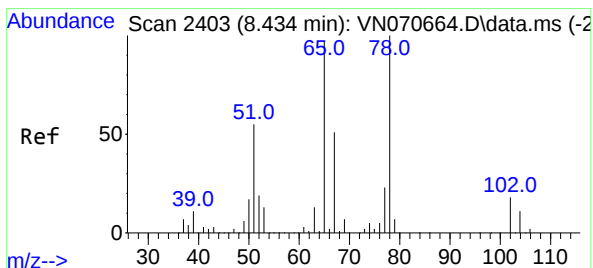
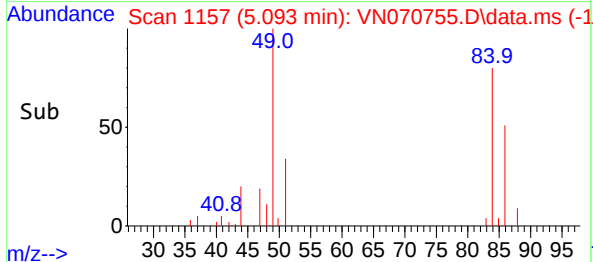
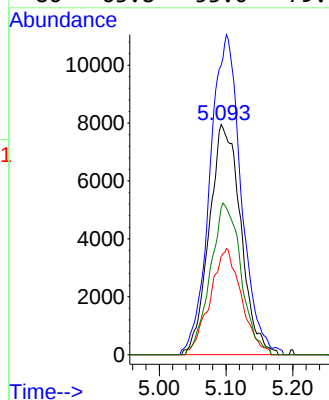
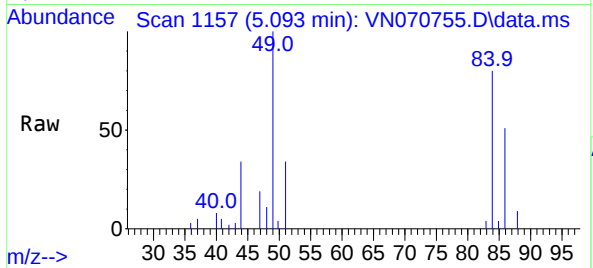


#20
Methylene Chloride
Concen: 1.971 ug/l
RT: 5.093 min Scan# 1157
Delta R.T. -0.002 min
Lab File: VN070755.D
Acq: 24 Jan 2022 15:04

Instrument :
MSVOA_N
ClientSampleId :
PB142209ZHE#03

Tgt Ion: 84 Resp: 26014

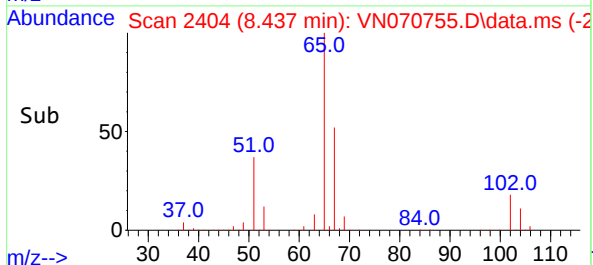
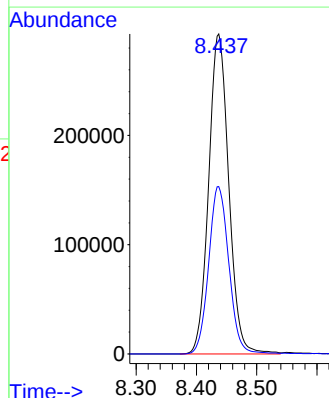
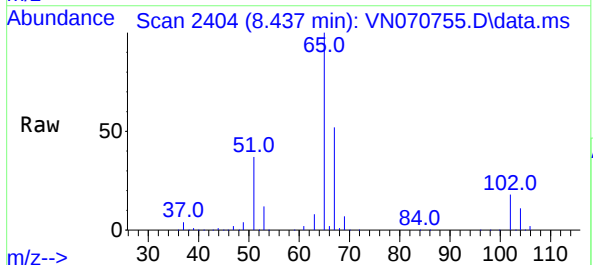
Ion	Ratio	Lower	Upper
84	100		
49	125.7	93.5	140.3
51	42.6	29.4	44.2
86	63.8	53.0	79.4

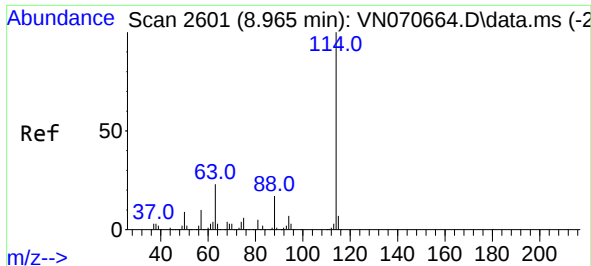


#33
1,2-Dichloroethane-d4
Concen: 47.008 ug/l
RT: 8.437 min Scan# 2404
Delta R.T. 0.003 min
Lab File: VN070755.D
Acq: 24 Jan 2022 15:04

Tgt Ion: 65 Resp: 678712

Ion	Ratio	Lower	Upper
65	100		
67	52.6	0.0	103.0

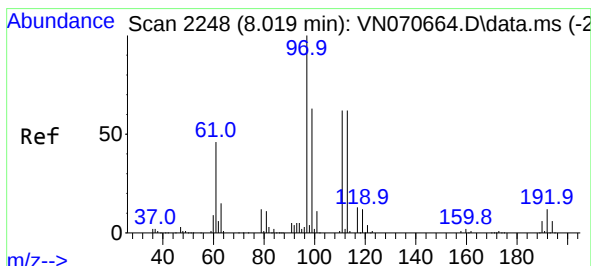
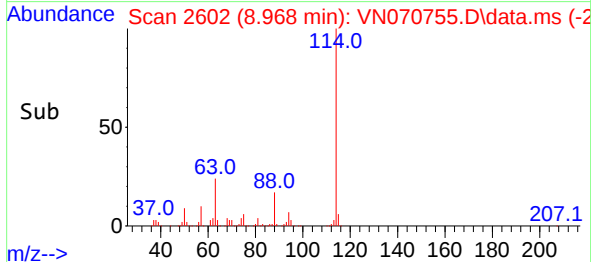
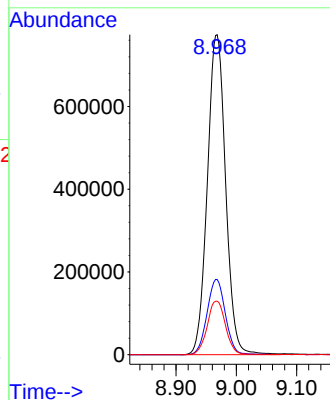
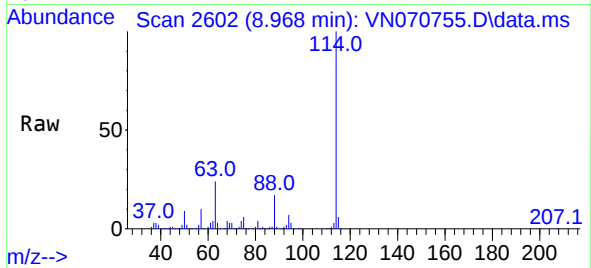




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.968 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VN070755.D
Acq: 24 Jan 2022 15:04

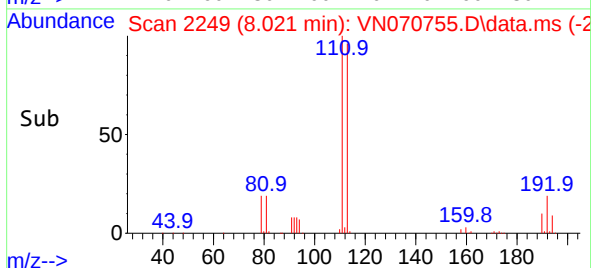
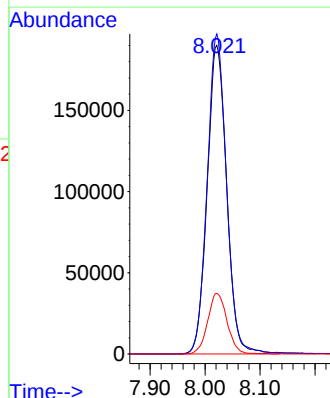
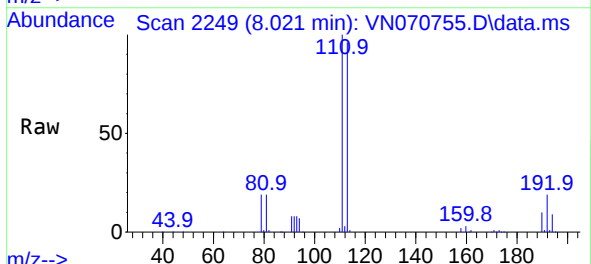
Instrument :
MSVOA_N
ClientSampleId :
PB142209ZHE#03

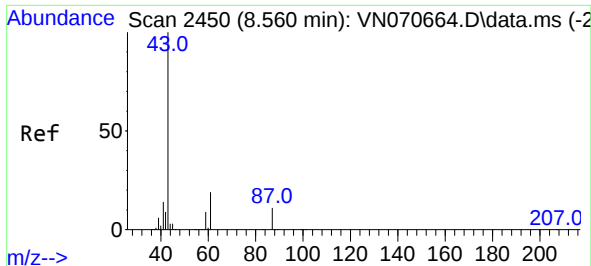
Tgt Ion:114 Resp: 1628990
Ion Ratio Lower Upper
114 100
63 23.5 0.0 37.8
88 16.7 0.0 27.4



#35
Dibromofluoromethane
Concen: 46.364 ug/l
RT: 8.021 min Scan# 2249
Delta R.T. 0.002 min
Lab File: VN070755.D
Acq: 24 Jan 2022 15:04

Tgt Ion:113 Resp: 468489
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 19.4 16.9 25.3

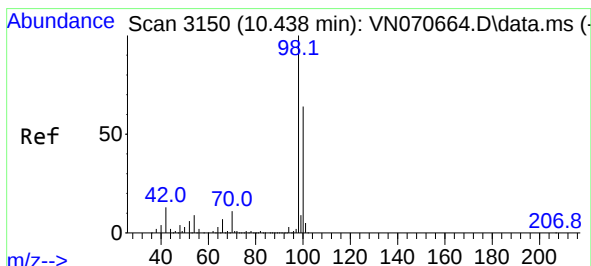
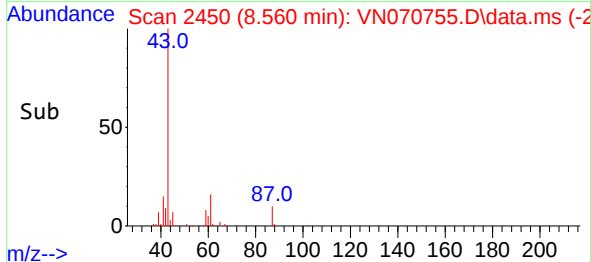
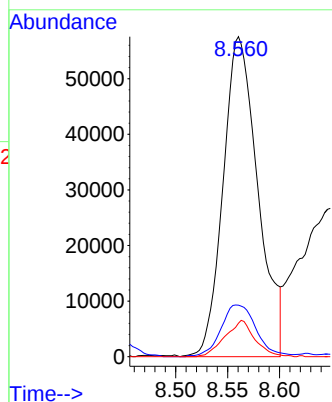
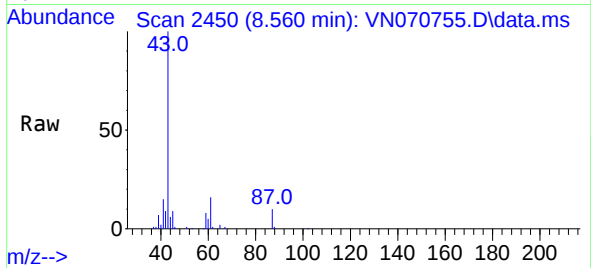




#43
Isopropyl Acetate
Concen: 3.896 ug/l
RT: 8.560 min Scan# 2450
Delta R.T. 0.000 min
Lab File: VN070755.D
Acq: 24 Jan 2022 15:04

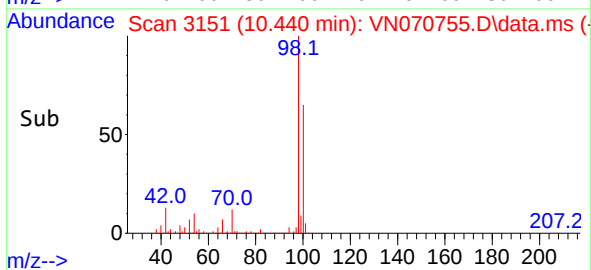
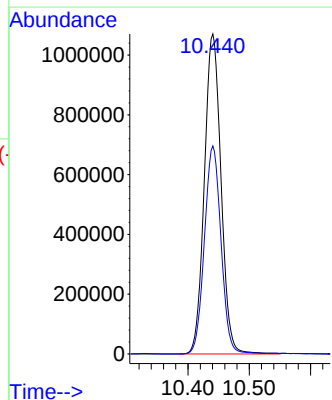
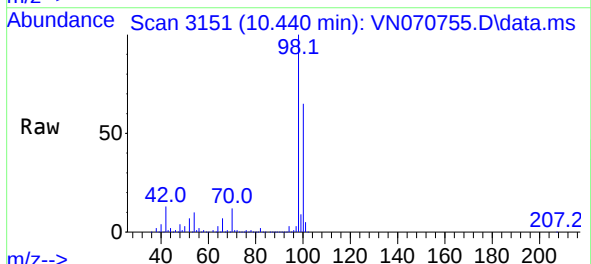
Instrument :
MSVOA_N
ClientSampleId :
PB142209ZHE#03

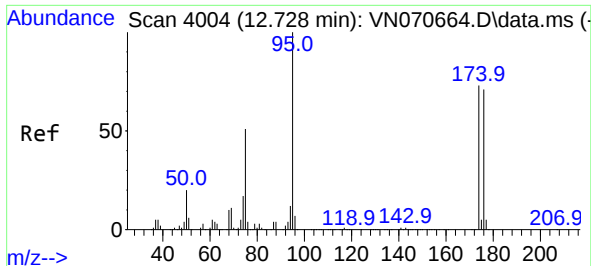
Tgt Ion: 43 Resp: 134400
Ion Ratio Lower Upper
43 100
61 16.3 20.4 30.6#
87 9.7 11.2 16.8#



#50
Toluene-d8
Concen: 47.614 ug/l
RT: 10.440 min Scan# 3151
Delta R.T. 0.002 min
Lab File: VN070755.D
Acq: 24 Jan 2022 15:04

Tgt Ion: 98 Resp: 2026841
Ion Ratio Lower Upper
98 100
100 64.7 50.4 75.6

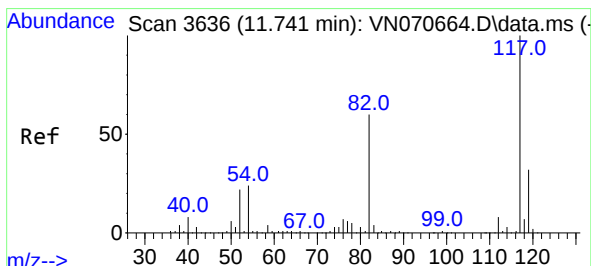
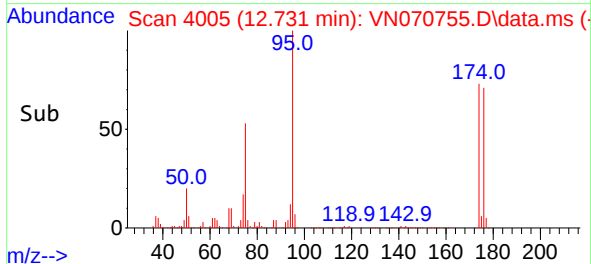
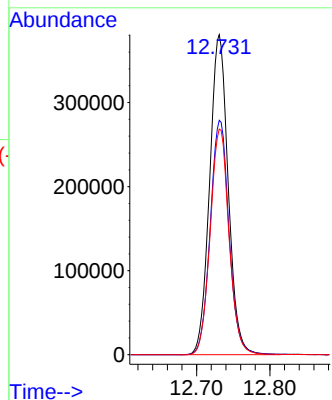
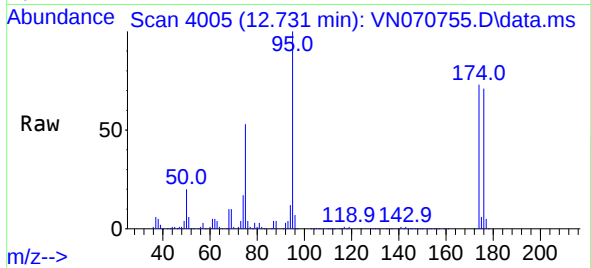




#62
4-Bromofluorobenzene
Concen: 44.122 ug/l
RT: 12.731 min Scan# 4005
Delta R.T. 0.003 min
Lab File: VN070755.D
Acq: 24 Jan 2022 15:04

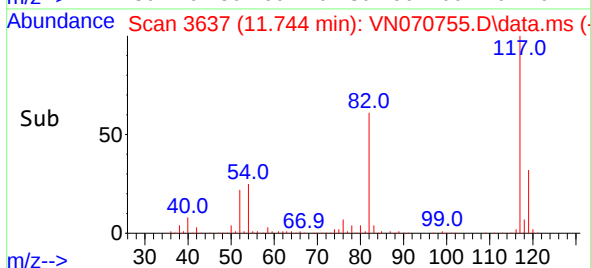
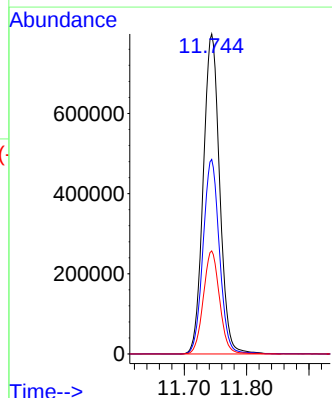
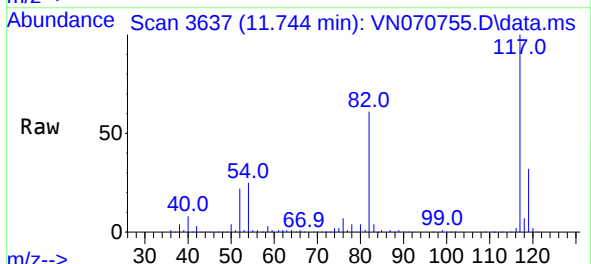
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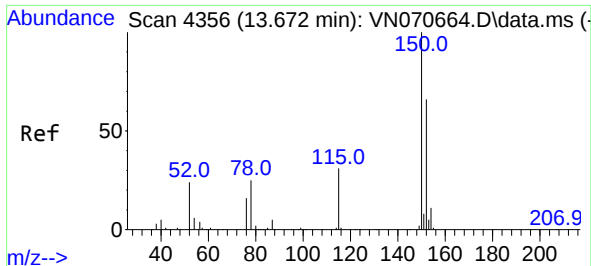
Tgt Ion: 95 Resp: 669286
Ion Ratio Lower Upper
95 100
174 74.3 0.0 187.2
176 71.5 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.744 min Scan# 3637
Delta R.T. 0.003 min
Lab File: VN070755.D
Acq: 24 Jan 2022 15:04

Tgt Ion: 117 Resp: 1459694
Ion Ratio Lower Upper
117 100
82 60.8 42.4 63.6
119 32.2 25.4 38.2





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.675 min Scan# 41

Delta R.T. 0.003 min

Lab File: VN070755.D

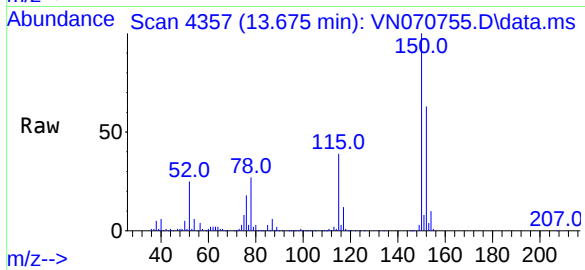
Acq: 24 Jan 2022 15:04

Instrument :

MSVOA_N

ClientSampleId :

PB142209ZHE#03



Tgt Ion:152 Resp: 544163

Ion Ratio Lower Upper

152 100

115 61.8 27.5 82.5

150 157.8 0.0 344.4

